



Kisling AG

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TECHNICAL DATA SHEET ergo 4301

Impregnating Agent

Description

Due to the very low viscosity, this product is able to penetrate into finest gaps (capillary) or micro porosity and to seal safely cast iron parts or welded joints. It is also suitable for post-applying on screws and cylindrical assemblies.

Physical Properties (liquid product)

Chemical Base:	Diester of Methacrylic Acid		
Colour:	green / fluorescent		
Viscosity:	25°C Brookfield RVT 40 – 55 mPas	spindle/ rpm	2/ 100
Density:	1.07 g/cm ³	25°C	
Max. gap filling:	0.07 mm		
Flash point:	> 100°C		
Shelf life:	1 year at room temperature		

Physical Properties (cured product)

Measured on M10 x 20 bolt - grade 8.8 zinc galvanised - nut 0.8d (no on-torque)

Initial strength after:	10 - 20 minutes	
Functional strength after:	0,5 - 1 hour	
Final strength after:	3 - 6 hours	
Loose-break torque:	> 18 Nm (M10)	DIN 54454
Prevailing torque:	> 30 Nm (M10)	
Shear strength:	> 12 N/mm ²	DIN 54452
Thermal range:	- 55°C up to +150°C	

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.